IBM Personal System/2 Model 30 286

The performance you want... the compatibility you need

For business, for education, for boosting your personal productivity, choose IBM Personal System/2® Model 30 286. This cost-efficient computer offers both PS/2® performance and PC compatibility–the right combination to help you work faster, easier and smarter, starting today.

Model 30 286 comes with built-in VGA graphics, a 1.44MB diskette drive, and 1MB of memory that you can expand to 2MB or 4MB on the system board. Also, four versions of this versatile PS/2 give you a choice: One comes without fixed disk storage, while the others are standard-equipped with a 20MB, 30MB or 45MB fixed disk.

Whichever version you select, you'll find that fast, easy setup and a friendly tutorial mean you can use this system to full advantage right away.

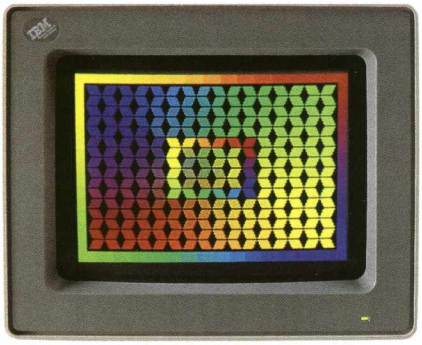
Model 30 286 at work

Here are some of the ways you can put Model 30 286 to work for you:

- Do word processing, accounting, scheduling, and more–with your pick of popular DOS programs for business and personal productivity
- Add interest to reports and presentations with color and graphics
- Organize all your files and records for speedy access
- Share information, peripherals, even host computing power by connecting Model 30 286 to your network
- Support a variety of applications in an entry-level OS/2® environment[1]

IBM

Feature	Benefit
10 MHz, 80286 microprocessor	• Provides efficient performance for business and personal productivity applications
1MB system-board user memory (expandable to 2MB or 4MB)	• Allows you to run lengthy programs and work with large amounts of data • Gives you plenty of workspace without using an expansion slot
Internal fixed disk drives	• Let you choose 20MB, 30MB or 45MB storage capacity to meet your needs • Provide convenient access to programs and data
1.44MB 3.5-inch diskette drive	• Enables efficient, reliable data storage on compact diskettes
Built-in VGA capabilities	• Provide high-quality graphics and text • Support and protect your investment in EGA-, CGA- and MCGA-based software
Three expansion slots	• Make room to add more features and functions (Model 30 286 uses many of the same feature cards used in IBM Personal Computer ATs® and XTs™)
Network and host emulation capabilities	• Enable you to connect to larger systems • Offer electronic mail linkup • Allow access to mainframe functions, files and applications



Wide range of options

	Part no.
Storage devices	
• 3.5" 1.44MB 1-inch High Diskette Drive	6451072
• 5.25" 360KB External Diskette Drive	4869001
• 20MB Fixed Disk Drive	6451031
• 30MB Fixed Disk Drive	6451030
• 45MB Fixed Disk Drive	92F0016
• External CD-ROM Drive	3510001
• 6157 Streaming Tape Drive (60MB, 150MB)	6157001/6157002
• 3363 External Optical Disk Drive (A01, B01)	63X4131/63X4182
Scanners	
• 3117 Scanner	3117010
• 3118 Scanner	3118010
Connectivity/communications	
• Token-Ring Network Adapter II	25F9858
• Token-Ring Network 16/4 Adapter	25F7367
• PC Network Baseband Adapter	1501221
• PC Network Adapter II	1501220
• 3278/79 Emulation Adapter	53F6425
• IBM Serial/Parallel Adapter	6450215
• IBM BSC Communications Adapter	1501204
• IBM SDLC Communications Adapter	1501205
• IBM Enhanced 5250 Emulation Adapter Kit	30F5383
Graphics and multimedia	
• M-Audio Capture/Playback Adapter	87F9908
Other features	
• Music Feature	81X8630
• Speech Adapter	1501216
• Mouse	6450350
• Game Control Adapter	1501300

Memory matrix table

Memory on system board	All models
Standard memory	1MB
Maximum memory	4MB*
System board memory expansion kits	2MB (30F5360)
Number of memory kits that can be added on system board	0*
Memory configurations possible on system board	1MB, 2MB, 4MB*

**Expansion to 2MB requires replacement of standard memory with one 2MB memory module kit; expansion to 4MB requires replacement of standard memory with two 2MB memory module kits.*

Why PS/2?
Here are some of the reasons why PS/2 stands out as the best solution for your business needs.

Technological leadership through integrated construction and advanced design (by combining Very Large Scale Integration and Surface Mount Technology).

Compatibility and expandability to protect your investment since the PS/2s you have today work with existing products and programs and with those you'll need tomorrow.

Service and support that provide you with everything from fast parts delivery to onsite services to system planning to 24-hour phone support–all at a competitive price.

Business Partners who enhance PS/2 capabilities by helping customers choose, customize and configure hardware and software to meet a range of needs.

Quality and reliability that ensure PS/2s are built to perform smoothly and dependably year after year.

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[1] Minimum 2MB and 30MB fixed disk recommended for OS/2.
[2] External 5.25-inch diskette drive and second 3.5-inch diskette drive are mutually exclusive.
[3] Fixed disk drive and second 3.5-inch diskette drive are mutually exclusive.

IBM Personal System/2 Model 30 286 at a glance

Machine numbers	8530-E01	8530-E21	8530-E31	8530-E41
Microprocessor				
Standard	80286	80286	80286	80286
Clock speed	10 MHz	10 MHz	10 MHz	10 MHz
Wait states	1	1	1	1
Optional	80287	80287	80287	80287
Clock speed	10 MHz	10 MHz	10 MHz	10 MHz
Part number	6450356	6450356	6450356	6450356
Bus architecture	AT-type	AT-type	AT-type	AT-type
Data path	16-bit	16-bit	16-bit	16-bit
Memory (RAM)				
Standard	1MB (120ns)	1MB (120ns)	1MB (120ns)	1MB (120ns)
Maximum on system board	4MB	4MB	4MB	4MB
System maximum	16MB	16MB	16MB	16MB
Integrated functions	Video Graphics Array (VGA) and display port, serial port, parallel port, pointing device port, keyboard port, diskette controller, clock/calendar, fixed disk controller (E21, E31, E41)			
Available expansion slots	Three 16-bit	Three 16-bit	Three 16-bit	Three 16-bit
Diskette storage (internal)				
Standard (3.5-inch)	1.44MB	1.44MB	1.44MB	1.44MB
Optional (3.5-inch)	2nd 1.44MB	—	—	—
Diskette storage (external)				
Optional (5.25-inch)[2]	360KB	360KB	360KB	360KB
Fixed disk storage[3]				
Standard	—	20MB (27ms)	30MB (39ms)	45MB (32ms)
Optional	20MB (27ms), 30MB (39ms), 45MB (32ms)	—	—	—
Display modes	VGA (includes all EGA, CGA and MCGA modes)			
Text	360 or 720 x 400; 9 x16 pel character matrix; 80 columns x 25 rows; up to 16 colors			
Graphics	320 x 200 x 256 colors or 64 gray shades; 640 x 480 x 16 colors or 16 gray shades; palette of 256,000 colors or 64 gray shades			
Supported displays	IBM Personal System/2 Color Displays 8512, 8513, 8514 and 8515; IBM Personal System/2 Monochrome Displays 8503 and 8507			
Supported printers/ plotters	IBM Proprinter® family, IBM Quickwriter,® IBM Quietwriter® III, IBM ExecJet,™ IBM LaserPrinter family, IBM Page Printer 3812/3816, IBM 618X and 737X Color Plotters			
Keyboard	101 keys, including 12 function keys, 3 lighted mode indicators; 6-foot coiled cable			
Power supply	90-watt worldwide with switch voltage selection			
Operating systems	DOS 3.3 or higher, IBM Operating System/2® Standard Edition 1.2 or 1.3			
Size	Approx. 4.0"H x 16.0"W x 15.6"D (102mm x 406mm x 397mm); 19.0 lbs. (8.6 kg)			
Warranty	One-year limited warranty			

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White Plains, NY 10604

Printed in the United States of America
4-91
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G360-2820-03